

ABSTRACT

The present invention has an object to enhance the reliability of the electrical connection of a silver-based conductor film on the surface of a glass ceramic board. In order to achieve 5 the object, according to the present invention, by the use of a conductor paste containing a silver particle having a specific surface area of $0.3 \text{ m}^2/\text{g}$ to $3.0 \text{ m}^2/\text{g}$ and no glass, printing is carried out on a glass ceramic board and the conductor paste is fired at a firing temperature having a difference of $\pm 50^\circ\text{C}$ from a 10 softening temperature of amorphous borosilicate glass contained in the glass ceramic. Consequently, a silver-based conductor film having high reliability of the electrical connection is formed on the ceramic board.

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